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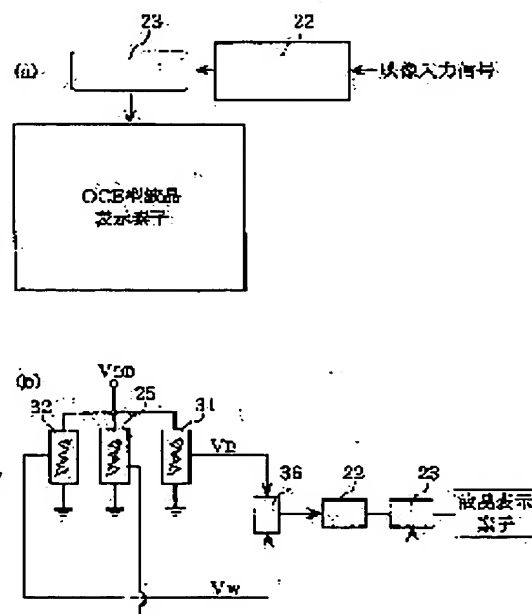
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(54) LIQUID CRYSTAL DISPLAY DEVICE AND MANUFACTURING METHOD THEREFOR, AND DRIVING METHOD THEREFOR

(57)Abstract:

PROBLEM TO BE SOLVED: To solve the problem that in a conventional OCB(optically compensated bend)-type liquid crystal display device, a display defect occur under a specific driving condition and in a specific temperature range, and contrast is decreased.

SOLUTION: The liquid crystal display device has a voltage application means for applying voltage to a liquid crystal sealed in a liquid crystal panel, and has a voltage restricting circuit for restricting the voltage applied by the voltage application means to a level not lower than a specified voltage necessary for maintaining an aligned state of the liquid crystal used for display. Thus, a display defect due to alignment transient from bend to splay does not occur. moreover, the liquid crystal display device has a black level voltage adjustment means for adjusting a black level display voltage value when a voltage value for displaying a black level is used as a black level display voltage value, or has a color adjustment means for adjusting the color when displaying white. Thus, high contrast display and stable color reproducing property can be realized.



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